

FIG. 1

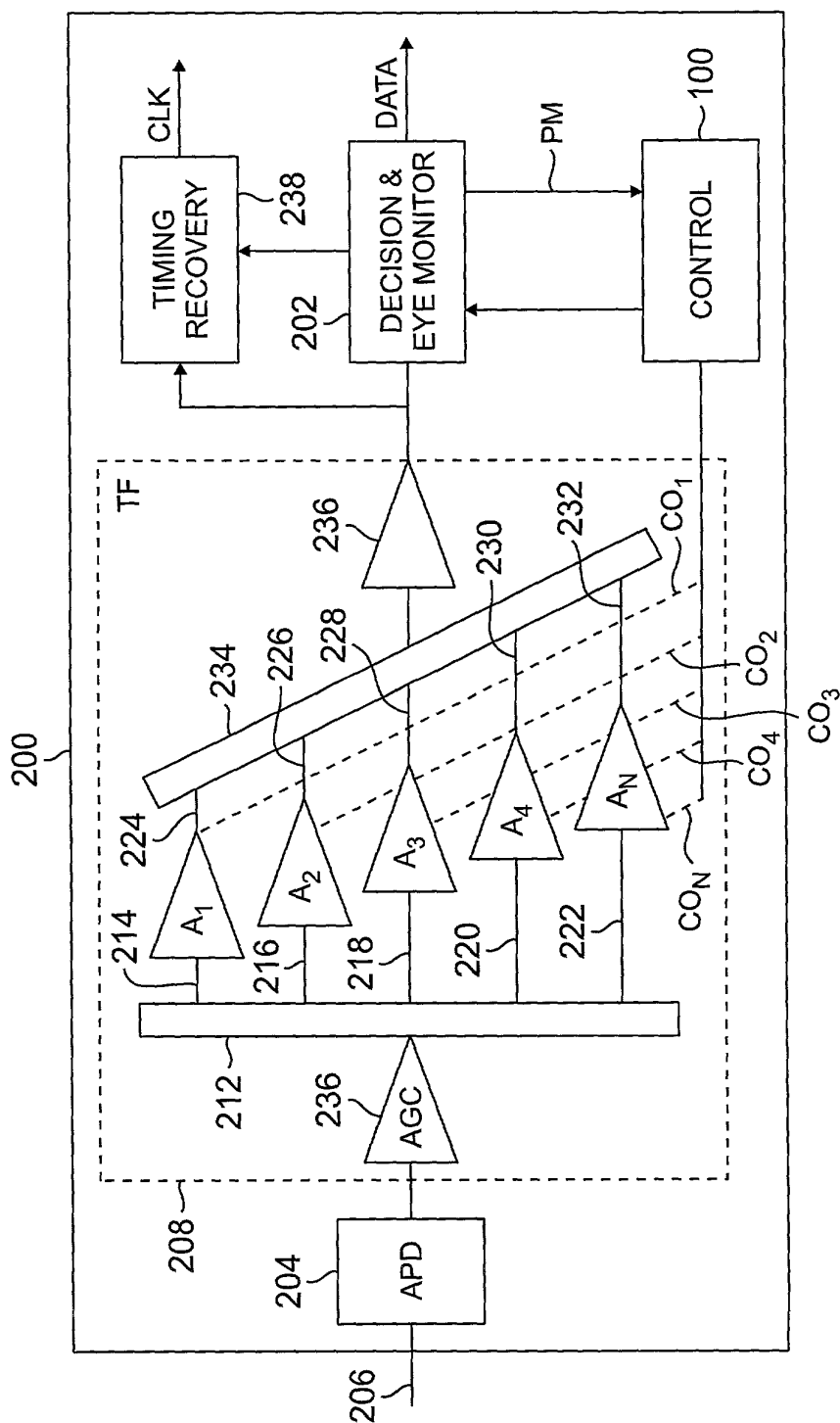


FIG. 2

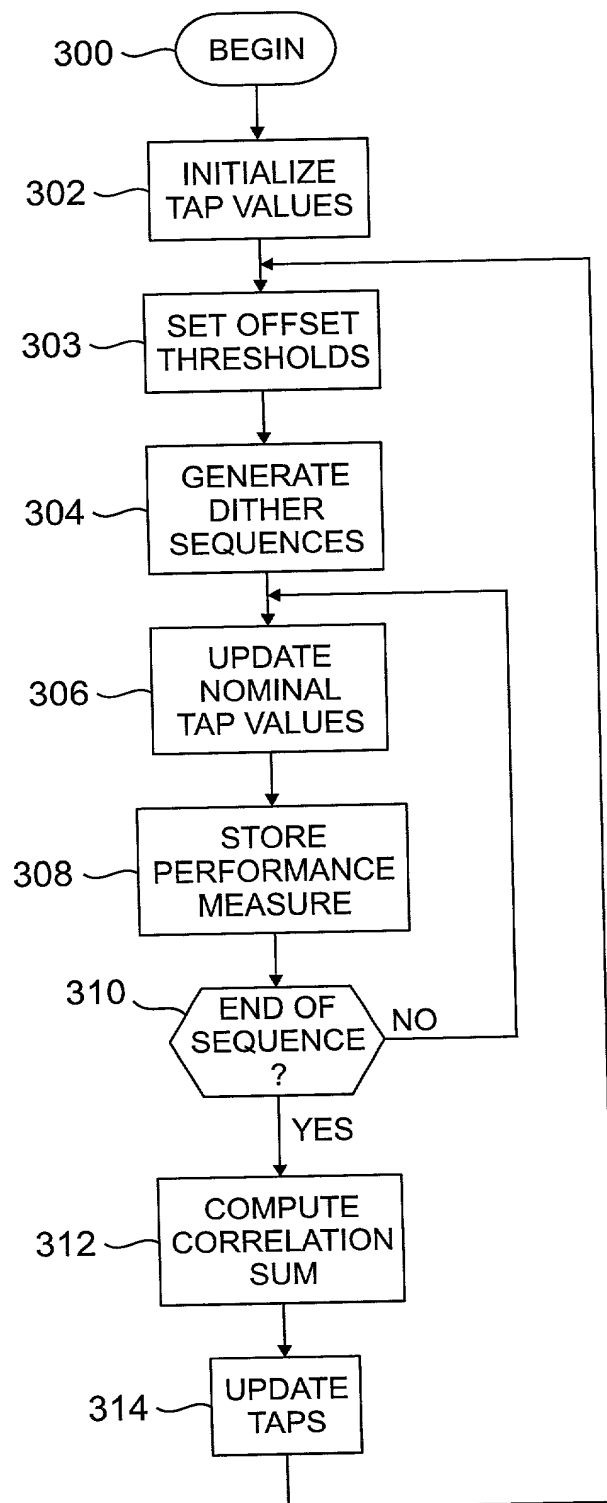


FIG. 3

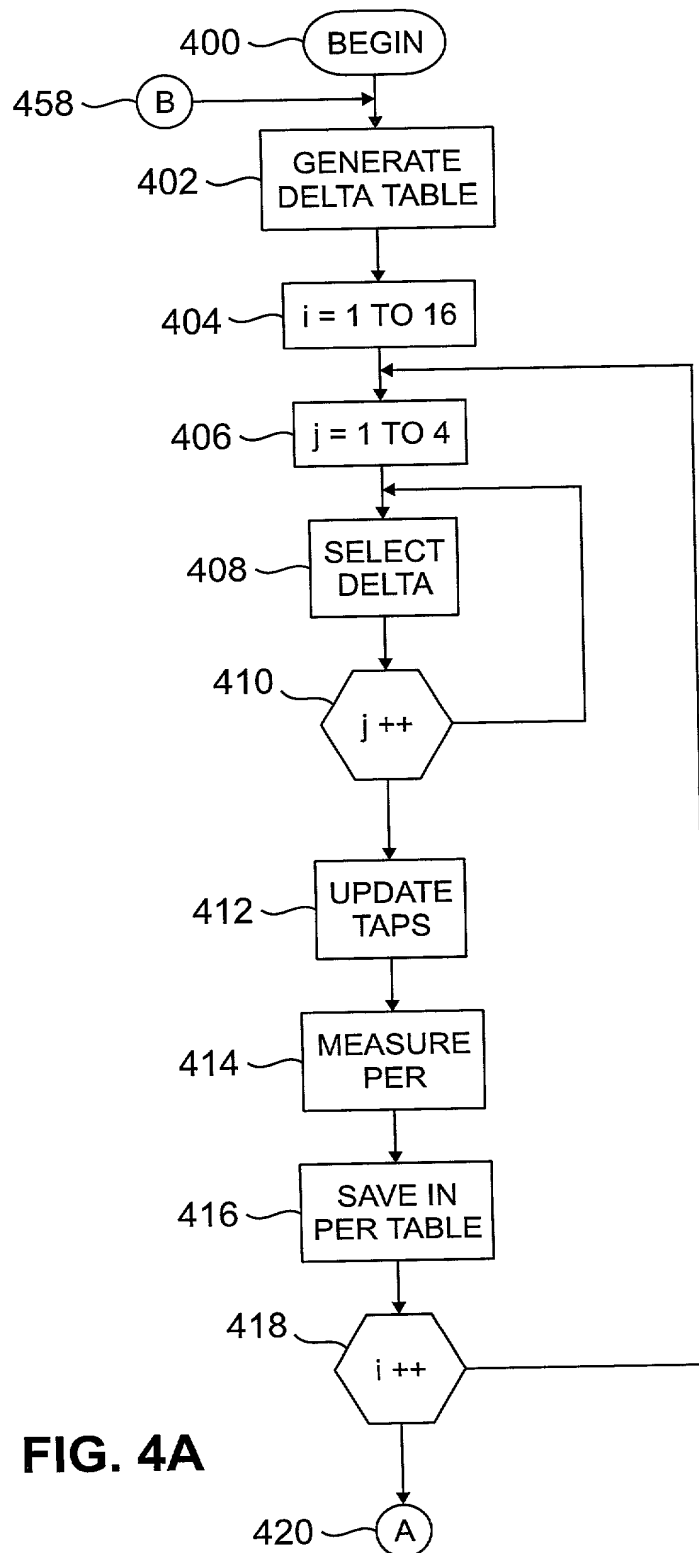


FIG. 4A

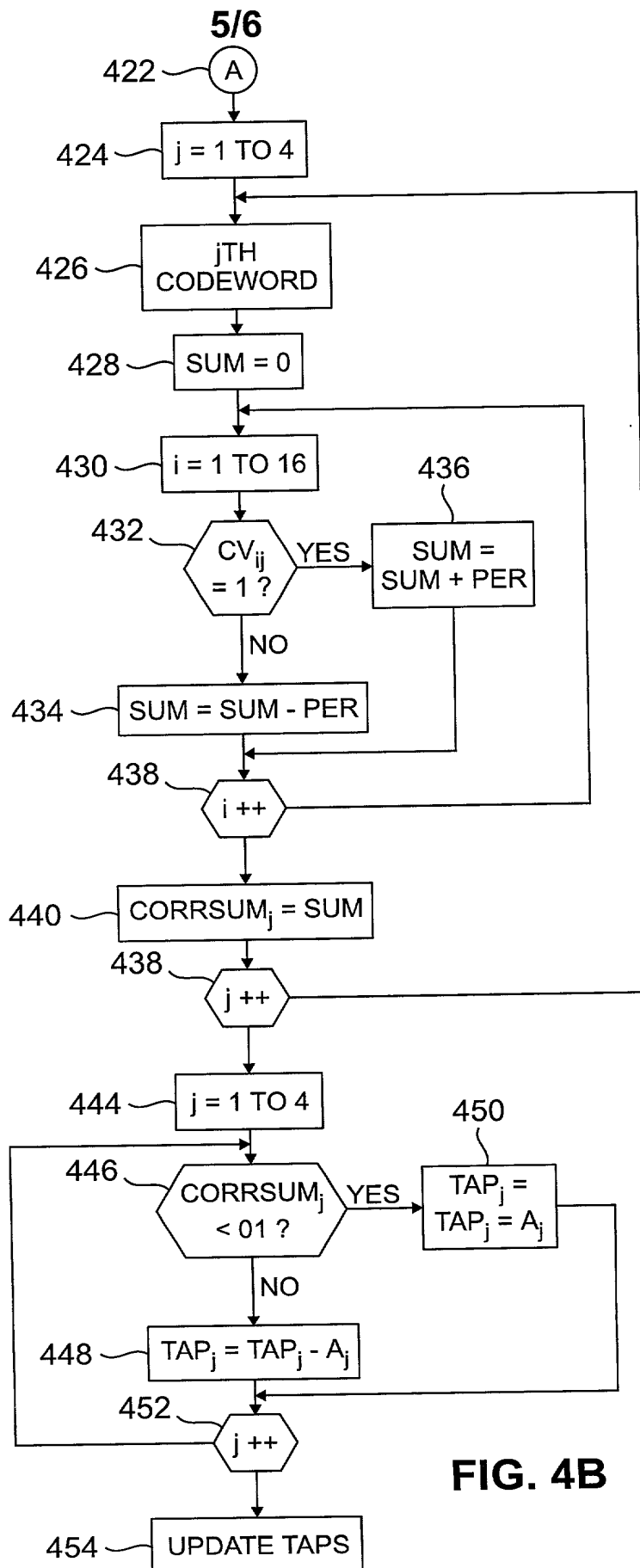


FIG. 4B

FIG. 5A

| | |
|-------------|-------------|
| $+\Delta_1$ | $-\Delta_1$ |
| $+\Delta_2$ | $-\Delta_2$ |
| \vdots | \vdots |
| $+\Delta_j$ | $-\Delta_j$ |

| | | | | | | | | | | | | | | | |
|---------|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $j = 4$ | $i = 16$ | | | | | | | | | | | | | | |
| | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |

FIG. 5B

| | | |
|----------|---------|------------|
| $i = 16$ | | |
| PER_1 | PER_2 | PER_{16} |

FIG. 5C